

Title (en)

APPARATUS FOR HEMOLYZING A BLOOD SAMPLE AND FOR MEASURING AT LEAST ONE PARAMETER THEREOF

Title (de)

VORRICHTUNG ZUR HÄMOLYSE EINER BLUTPROBE UND ZUM MESSEN WENIGSTENS EINES PARAMETERS DAVON

Title (fr)

APPAREIL POUR HÉMOLYSER UN ÉCHANTILLON DE SANG ET POUR MESURER AU MOINS UN PARAMÈTRE DE CELUI-CI

Publication

EP 2321643 B1 20170301 (EN)

Application

EP 09776170 A 20090710

Priority

- DK 2009000167 W 20090710
- DK PA200801005 A 20080716

Abstract (en)

[origin: US2010015691A1] An apparatus for hemolyzing a blood sample and for measuring at least one parameter thereof comprises a sample chamber for accommodation of the blood sample, the sample chamber having a first sidewall and an opposite second sidewall. The apparatus also comprises ultrasonic generator for generating ultrasonic waves in the first and second sidewalls so as to cause the blood sample provided between the first and second sidewall to be hemolyzed. Further, the apparatus comprises an optical measuring device for measuring the at least one parameter in the hemolyzed blood sample when the hemolyzed blood sample is provided between the first and second sidewalls. The ultrasonic generator of the apparatus comprises a first ultrasonic generator for generating ultrasonic waves in the first sidewall and a second ultrasonic generator for generating ultrasonic waves in the second sidewall.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

US 2010015691 A1 20100121; **US 9097701 B2 20150804**; CN 102099679 A 20110615; DK 2321643 T3 20170410; EP 2321643 A1 20110518; EP 2321643 B1 20170301; JP 2011528105 A 20111110; JP 5232302 B2 20130710; WO 2010006603 A1 20100121

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US 50358009 A 20090715; CN 200980127762 A 20090710; DK 09776170 T 20090710; DK 2009000167 W 20090710; EP 09776170 A 20090710; JP 2011517749 A 20090710